



Patent / Docket No. 35296.3  
Customer No. 000027683

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Sorrells et al.

Serial No.: 10/674,937

Filed: September 30, 2003

For: METHOD AND SYSTEM FOR  
DETERMINING THE ORIENTATION  
OF NATURAL FRACTURES

§  
§  
§  
§  
§  
§  
§  
§

Group Art Unit: 2857

Examiner: Donald E. McElheny, Jr.

TRANSMITTAL

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed are the following regarding the above-identified patent application:

1. Amendment in response to Office action mailed November 23, 2004;
2. Transmittal (in duplicate); and
3. return postcard.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the papers submitted herewith or to credit any overpayment to Deposit Account No. 08-1394.

Respectfully submitted,

Andrew S. Ehmke  
Registration No. 50,271

Date: 2/23/05  
HAYNES AND BOONE, LLP  
901 Main Street, Suite 3100  
Dallas, Texas 75202-3789  
Telephone: (214) 651-5116  
Facsimile: (214) 200-0853  
File: 35296.3  
D-1321826.1

EXPRESS MAIL NO.: EV 369680270 US

DATE OF DEPOSIT: February 23, 2005

This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Bonnie Boyle

Name of person mailing paper and fee

Bonnie Boyle

Signature of person mailing paper and fee



Patent Attorney Docket No. 35296.3  
Customer No. 27683

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	§	
Sorrells et al.	§	Confirmation No. 5294
	§	
Ser. No.: 10/674,937	§	Group Art Unit: 2857
	§	
Filed: September 30, 2003	§	Examiner: McElheny, Jr., Donald E.
	§	
For: METHOD AND SYSTEMS FOR	§	
DETERMINING THE ORIENTATION OF	§	
NATURAL FRACTURES	§	

**AMENDMENT**

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action mailed November 23, 2004, please amend the above-identified patent application as follows:

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.  
Remarks/Arguments begin on page 6 of this paper.

If any fees are required, including those for an extension of time, I authorize the Commissioner to charge such fees to Haynes and Boone, LLP's Deposit Account No. 08-1394.